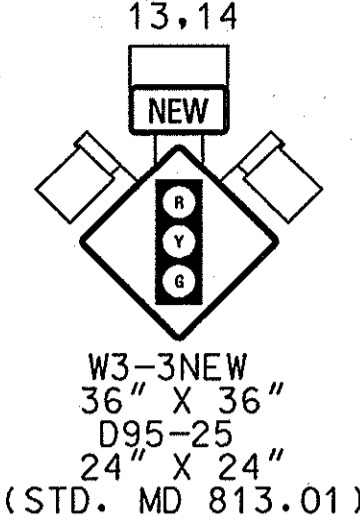
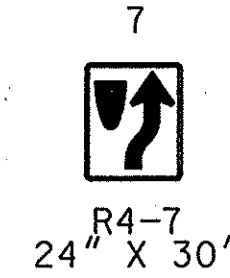
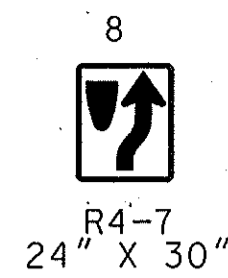
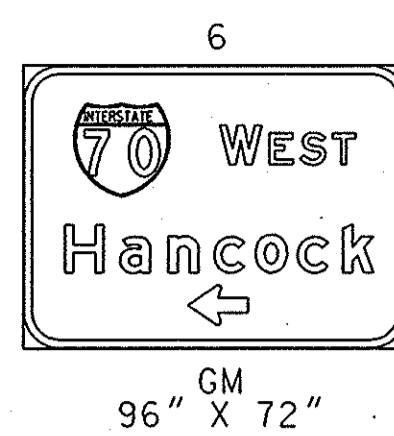
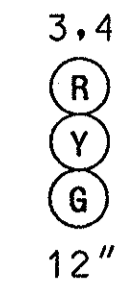
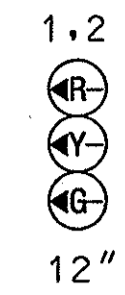


MD 65 IS ASSUMED TO RUN
IN A NORTH-SOUTH DIRECTION

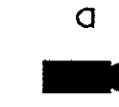
EXISTING SIGNS TO REMAIN



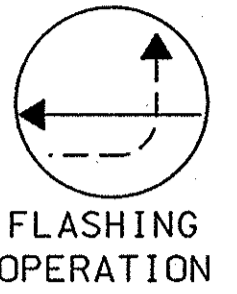
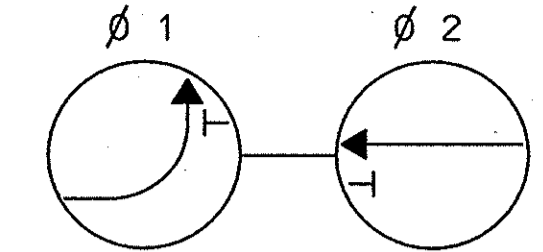
PROPOSED L.E.D. SIGNALS



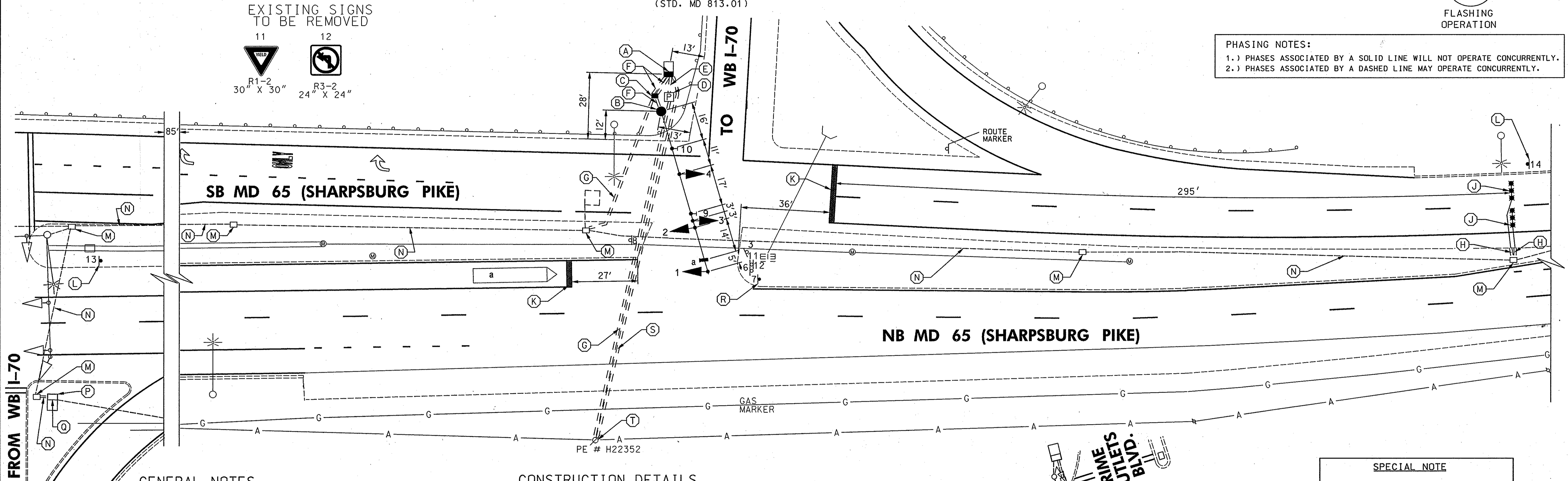
PROPOSED VIDEO DETECTION CAMERA



NEMA PHASING



PHASING NOTES:
1.) PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
2.) PHASES ASSOCIATED BY A DASHED LINE MAY OPERATE CONCURRENTLY.



GENERAL NOTES

1. VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
2. THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE AND CABINET LOCATIONS PRIOR TO INSTALLATION.
3. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY PRIOR TO THE CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.
4. ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS. HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS, TO MEET CLEARANCES AS SPECIFIED IN MD 816.03, MD 818.01, MD 818.02, MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL MICRO LOOP PROBE LEAD-IN CABLES AND VIDEO DETECTION CABLES TO THE APPROPRIATE TERMINALS AND PROPERLY LABELING EACH CABLE SO THAT SHA FORCES CAN MAKE THE FINAL CONNECTIONS.

GEOMETRIC LEGEND

===== EXISTING

UTILITY LEGEND

SD	SD	STORM DRAIN
G	G	GAS MAIN
W	W	WATER MAIN
S	S	SEWER MAIN
E	E	ELECTRIC CABLES
A	A	AERIAL CABLES
T	T	TELEPHONE CABLES
F	F	FIBER-OPTIC

CONSTRUCTION DETAILS

- A. INSTALL NEMA SIZE 6 BASE MOUNT CABINET AND CONTROLLER. (NOTE: INSTALL 2 - 2" AND 2 - 4" PVC CONDUIT BENDS.)
- B. INSTALL 27 FT. MAST ARM POLE WITH 70 FT. MAST ARM, VIDEO DETECTION CAMERA, SIGNAL HEADS AND SIGNS. (NOTE: INSTALL 1-4 IN. PVC CONDUIT BEND IN POLE BASE.)
- C. INSTALL ELECTRICAL HANDHOLE.
- D. INSTALL METERED SERVICE PEDESTAL - EMBEDDED.
- E. INSTALL 2 IN. SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.
- F. INSTALL 4 IN. SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.
- G. INSTALL 4 IN. SCHEDULE 80 RIGID PVC CONDUIT - BORED.
- H. INSTALL 1 INCH LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT.
- J. INSTALL MICRO-LOOP PROBE SET WITH 500 FT. LEAD-IN.
- K. INSTALL 24 IN. WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING.
- L. INSTALL W3-3 SIGN WITH "NEW" PANEL AND FLAGS ON ONE (1) 4" X 6" WOOD POST. SIGN TO BE PLACED 300' FROM STOP LINE.
- M. USE EXISTING HANDHOLE.
- N. USE EXISTING CONDUIT.
- P. USE EXISTING CABINET.
- Q. PULL BACK AND RE-ROUTE EXISTING I/C CABLE INTO PROPOSED CABINET.
- R. INSTALL PROPOSED GROUND MOUNTED SIGN ON ONE (1) 4" X 4" WOOD POST.
- S. INSTALL 2 IN. SCHEDULE 80 RIGID PVC CONDUIT - BORED.
- T. STUB CONDUIT AT POLE BASE. VERIZON AND ALLEGHENY POWER TO MAKE FINAL CONNECTIONS.

NOTE:
550' TO BREAKLINE ON
THIS SHEET (3 HANDHOLES
BETWEEN BREAKLINES)

PRIME
OUTLETS
BLVD.

SPECIAL NOTE

RIGHT-OF-WAY FOR THIS
INTERSECTION IS OFF THE LIMITS
OF THIS SHEET. ALL WORK SHOWN
IS WITHIN SHA RIGHT-OF-WAY

TOD No: AT783-04
SHA No: WA319A51/B51
Washington County

SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 65 (SHARPSBURG PIKE) AND
WESTBOUND I-70 ON RAMP

RK & K
RUMMEL, KLEPPER
& KAHL, LLP
CONSULTING ENGINEERS
81 MOSHER STREET
BALTIMORE, MARYLAND 21217
TELE: (410) 728-2900 FAX: (410) 383-3270

APPROVALS
TEAM LEADER
DESIGNED BY
DRAWN BY
CHECKED BY
FAP NO.
TS NO. 4447
DRAWING
OF
SHEET NO. 1 OF 2

TRAFFIC SIGNAL PLAN
SCALE 1" = 20' DATE 04/2006 CONTRACT NO. AT7835185
DESIGNED BY SMH/TC COUNTY WASHINGTON
DRAWN BY SMH/TC LOGMILE 21006510.67
CHECKED BY DAE TMS NO. H114
FAP NO. TOD NO.
TS NO. 4447 DRAWING OF SHEET NO. 1 OF 2